WHAT IS CLAIMED IS:

1. An information processing method which records material files and scenario files for controlling the material files into storage means and reproduces data
5   of the material files on the basis of the scenario file in the storage means, comprising:

a first step of processing the predetermined scenario file in the storage means to be nonreadable; and

10   a second step of processing the unnecessary material files to be nonreadable, the unnecessary material files concerning the scenario file processed to be nonreadable in said first step.

15   2. A method according to Claim 1, wherein the unnecessary material files are the material files which remain after the material files used in the remaining scenario file are excluded from the material files used in the scenario file processed to be nonreadable.

20

3. A method according to Claim 1, wherein in the scenario file a sequence for controlling each of the material files in time series is described.

25   4. A method according to Claim 1, wherein the material file is composed of data including image data, voice data or character data.

5.   An information processing apparatus comprising:

storage means for recording material files and scenario files for controlling the material files;

5   file update means for updating the file in said storage means; and

control means for controlling, when the predetermined scenario file in said storage means is processed to be nonreadable by said file update means,

10   said file update means to process the unnecessary material files in said storage means to be nonreadable.

6.   An apparatus according to Claim 5, wherein the unnecessary material files are the material files which

15   remain after the material files used in the remaining scenario file are excluded from the material files used in the scenario file processed to be nonreadable.

7.   An apparatus according to Claim 5, wherein in

20   the scenario file a sequence for controlling each of the material files in time series is described.

8.   An apparatus according to Claim 5, wherein the material file is composed of data including image data,

25   voice data or character data.

9.   An information processing system which

includes a data transfer apparatus for transferring
material files and scenario files controlling the
material files, storage means for recording the
transferred material files and scenario files, and a

5 reproduction apparatus for reproducing data of the
material files on the basis of the scenario file in
said storage means, comprising:

first means for processing the predetermined
scenario file in said storage means to be nonreadable;

10 and

second means for processing the unnecessary
material files to be nonreadable, the unnecessary
material files concerning the scenario file processed
to be nonreadable by said first means.

15

10. A system according to Claim 9, wherein the
unnecessary material files are the material files which
remain after the material files used in the remaining
scenario file are excluded from the material files used

20 in the scenario file processed to be nonreadable.

11. A system according to Claim 9, wherein in the
scenario file a sequence for controlling each of the
material files in time series is described.

25

12. A system according to Claim 9, wherein the
material file is composed of data including image data,

voice data or character data.

13. A presentation system comprising:

means for editing material files;

means for forming a scenario file to control the material files;

storage means for recording the material files and the scenario file;

reproduction means for reproducing data of the material files on the basis of the scenario file in said storage means; and

control means for processing the unnecessary material files in said storage means to be nonreadable, the unnecessary material files concerning the predetermined scenario file in said storage means processed to be nonreadable.

14. A system according to Claim 13, wherein the unnecessary material files are the material files which remain after the material files used in the remaining scenario file are excluded from the material files used in the scenario file processed to be nonreadable.

15. A system according to Claim 13, wherein in the scenario file a sequence for controlling each of the material files in time series is described.

16. A method for updating recording states of
material files and scenario files controlling the
material files all recorded in a storage medium,
comprising:

5   a first step of processing the predetermined
scenario file in the storage medium to be nonreadable;
and

      a second step of processing the unnecessary
material files to be nonreadable, the unnecessary

10   material files concerning the scenario file processed
to be nonreadable.

      17. A method according to Claim 16, wherein the
unnecessary material files are the material files which

15   remain after the material files used in the remaining
scenario file are excluded from the material files used
in the scenario file processed to be nonreadable.

      18. A method according to Claim 16, wherein in

20   the scenario file a sequence for controlling each of
the material files in time series is described.

      19. A method according to Claim 16, wherein the
material file is composed of data including image data,

25   voice data or character data.

      20. A multimedia presentation method comprising:

an editing step of editing a multimedia material

file including image data, voice data or character

data, and a scenario file for controlling the

multimedia material file;

5   a storage step of recording the multimedia

material file and the scenario file;

a reproduction step of reproducing data of the

multimedia material file on the basis of the scenario

file stored in said storage step; and

10   a processing step of processing, when the

predetermined scenario file in storage means is

processed to be nonreadable, the unnecessary material

files in the storage means to be nonreadable.

15   21.   A method according to Claim 20, wherein the

unnecessary multimedia material files are the files

which remain after the multimedia material files used

in the remaining scenario file are excluded from the

multimedia material files used in the scenario file

20   processed to be nonreadable.

22.   A method according to Claim 20, wherein in

the scenario file a sequence for controlling each of

the multimedia material files in time series is

25   described.

23.   A storage medium which stores a computer-

readable program to execute a file update method for
updating files in storage means, the storage means
storing material files and scenario files for
controlling the material files, said method comprising:

5   a first step of processing the predetermined
scenario file in the storage medium to be nonreadable;
and

a second step of processing the unnecessary
material files to be nonreadable, the unnecessary

10   material files concerning the scenario file processed
to be nonreadable.

24.   A medium according to Claim 23, wherein the
unnecessary material files are the material files which

15   remain after the material files used in the remaining
scenario file are excluded from the material files used
in the scenario file processed to be nonreadable.

25.   A medium according to Claim 23, wherein in

20   the scenario file a sequence for controlling each of
the material files in time series is described.

26.   A medium according to Claim 23, wherein the
material file is composed of data including image data,

25   voice data or character data.

27.   An information processing method, comprising:

a deletion designation step of designating, in a
storage medium which stores a main file executed by an
application program and a sub file related to the main
file and used when the main file is executed, the file
5   to be deleted, so as to control various file
operations; and

a deletion step of deleting the file designated in
said deletion designation step,

wherein said deletion step includes a control step
10   of performing, when the main file designated in said
deletion designation step is deleted, controlling to
delete the sub file used by the main file and not used
by another main file remaining in the storage medium.

15   28. A method according to Claim 27, wherein the
sub file does not include therein link information to
other files, and the main file includes link
information of the sub file used when the main file is
executed.

20

29. A method according to Claim 27, wherein said
deletion step includes a list formation step of forming
a list concerning the sub file used by the main file
designated to be deleted and not used by another main
25   file remaining in the storage medium, in accordance
with the deletion designation stored in said deletion
designation step.

30. A method according to Claim 27, wherein the application program is a presentation program, the main file is a scenario file to be executed by the presentation program, and the sub file is a material

5   file related to the scenario file in time series.